

REMARKS/ARGUMENTS

Reconsideration and withdrawal of the rejections of the application are respectfully requested in view of the amendments and remarks herewith, which place the application into condition for allowance. The present amendment is being made to facilitate prosecution of the application.

I. STATUS OF THE CLAIMS AND FORMAL MATTERS

Claims 7, 9-12, and 14-16 are currently pending. Claims 7 and 12, which are independent, are amended. Support for the amendment is provided throughout the Specification, specifically at page 24, lines 17-24 and page 30, lines 15-18.

No new matter has been introduced. Changes to claims are not made for the purpose of patentability within the meaning of 35 U.S.C. §101, §102, §103, or §112. Rather, these changes are made simply for clarification and to round out the scope of protection to which Applicants are entitled.

II. SUPPORT FOR THIS AMENDMENT

Citations to Figures and Specification locations are provided for this amendment. However, such citations are provided merely as examples and are not intended to limit the interpretation of the claims or to evidence or create any estoppel.

As an example, support for the amendment is provided throughout the Specification, specifically at page 24, lines 17-24 and page 30, lines 15-18, which are reproduced as follows:

Page 24, lines 17-24, Writing of data into the two SRAMS 454A and 454B in the NIT reinsertion section and reading of data therefrom are controlled by the control section 457 in the NIT replacement circuit 452. **These SRAMs are alternately used every time when NIT is rewritten.** That is while data written in the one SRAM 454A is outputted to the NIT replacement circuit 452, the control section 457 of the NIT replacement circuit 452 sets the output of the other SRAM 454B off and writes NIT data for a newest table into the SRAM 454B through the FIFO memory 453.

Page 30, lines 15-18, Dummy data must be decided so that operation errors are not caused in a receiver. For example, a stuffing table ID and a stuffing descriptor tag are decided as specifications of the transmitter. If these stuffing table and descriptor tag are transmitted, the receiver side should neglect them.

III. REJECTIONS UNDER 35 U.S.C. §112 AND §103(a)

Claims 7, 9-12 and 14-16 were rejected under 35 U.S.C. §112, second paragraph, as allegedly being indefinite.

Claims 7, 9-12 and 14-16 were rejected under 35 U.S.C. §103(a) as allegedly unpatentable over U.S. Patent Application No. 2005/0015804 to LaJoie (hereinafter, merely “LaJoie”) in view of ETS 300468 “Specification for service information (SI) in Digital Video Broadcasting (DVB) Systems”, Second Edition, January 1997 (hereinafter, merely “ETR300468”) and further in view of European Patent Application Publication No. 0211385 to Sumi et al. (hereinafter, merely “Sumi”).

IV. RESPONSE TO REJECTIONS

A. Response to Rejections Under 35 U.S.C. §112

Claims 7 and 12 are amended, thereby obviating the rejections. Applicants respectfully request reconsiderations and withdrawal of the rejections.

B. Response to Rejections Under 35 U.S.C. §103(a)

Claim 7 recites, *inter alia*:

An information transmission apparatus...

wherein NIT tables of every transport stream are alternately stored in the first memory section and the second memory section,

...the placeholder data being determined according to a specification of the information transmission apparatus.
(emphasis added)

Applicants respectfully submit that LaJoie, ETR300468, and Sumi, taken alone or in combination, fail to disclose or render predictable “**wherein NIT tables of every transport stream are alternately stored in the first memory section and the second memory section,**” and “**the placeholder data being determined according to a specification of the information transmission apparatus,**” as recited in claim 7.

Therefore, Applicants respectfully submit that claim 7 is patentable.

For reasons similar to those described above with regard to independent claim 7, amended independent claim 12 is also patentable.

As nothing in the references cited in the Office Action cures the above-identified deficiencies, Applicants respectfully request reconsideration and withdrawal of the rejections.

V. DEPENDENT CLAIMS

The other claims are dependent from one of the independent claims, discussed above, and are therefore believed patentable for at least the same reasons. As nothing in the references cited in the Office Action cures the above-identified deficiencies, Applicants respectfully request reconsideration and withdrawal of the rejections. As each dependent claim is also deemed to define an additional aspect of the invention, however, the individual reconsideration of the patentability of each on its own merits is respectfully requested.

CONCLUSION

Because Applicants maintain that all claims are allowable for at least the reasons presented hereinabove, in the interests of brevity, this response does not comment on each and every comment made by the Examiner in the Office Action. This should not be taken as acquiescence of the substance of those comments, and Applicants reserve the right to address such comments.

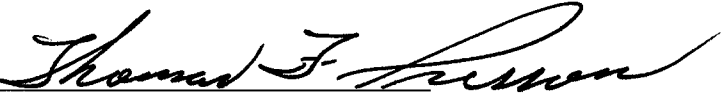
In the event the Examiner disagrees with any of statements appearing above with respect to the disclosure in the cited reference or references, it is respectfully requested that the Examiner specifically indicate those portion or portions of the reference or references, providing the basis for a contrary view.

Please charge any additional fees that may be needed, and credit any overpayment, to our Deposit Account No. 50-0320.

In view of the foregoing amendments and remarks, it is believed that all of the claims in this application are patentable and Applicants respectfully request early passage to issue of the present application.

Respectfully submitted,

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